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Attorney Docket No. H0004618-US

First Inventor Jae H. Ryou

Title PSEUDOMORPHIC LAYER IN TUNNEL JUNCTION VCSEL

Express Mail Label No.

S-611992
16424 U.S.
10/07/03/03UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)2. Applicant claims small entity status.3. Specification [Total Pages 15]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]

5. Oath or Declaration [Total Sheets 2]

a. Newly executed (original or copy)b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).6. Application Data Sheet. See 37 CFR 1.7618. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification
following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Art Unit:

Prior application information: Examiner _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	000128			<input checked="" type="checkbox"/> Correspondence address below
Name	HONEYWELL INTERNATIONAL INC. Andrew A. Abeyta			
Address	101 Columbia Road P.O.B. 2245			
City	Morristown	State	NJ	Zip Code 07962
Country	US	Telephone	(602) 313-3345	Fax (602) 313-4559
Name (Print/Type)	Song K. Jung			Registration No. (Attorney/Agent) 35,210
Signature				Date July 3, 2003

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	July 3, 2003
First Named Inventor	Jae-Hyun RYOU
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	H0004618-US

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number **01-1125**

Deposit Account Name **Honeywell International Inc.**

The Commissioner is hereby authorized to: (check all that apply)

Charge fees indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION (continued)

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	750.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1) (\$)				750.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	17	20 ^{**}	=	0	x	18	=		Fee from below	Fee Paid
Independent Claims	2	3 ^{**}	=	0	x	84	=			
Multiple Dependent										

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	290	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)				0.00	

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
105	130	205	55
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	820*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	820	217	460
118	1,440	218	720
128	1,980	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	840
142	1,280	242	840
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
149	740	249	370
179	740	279	370
189	900	169	800
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			
40.00			

SUBTOTAL (3) (\$)

40.00

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	Andrew A. Abeyta	Registration No. (Attorney/Agent)	39,582	Telephone (602) 313-3345
Signature			Date	7-3-03